

# PATENT ABSTRACTS OF JAPAN

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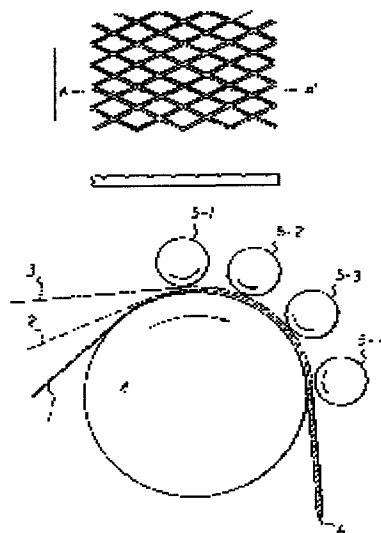
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## (54) RESIN IMPREGNATING METHOD

### (57)Abstract:

**PURPOSE:** To impregnate a sheet with a resin at a high speed, in impregnating the sheet with the resin, by combining press rolls having patterns of specific shapes to press the sheet.

**CONSTITUTION:** A sheet like article 2 are held between the resin 1 applied to release paper and a top film 3 to be pressed by rolls. In this case, the press roll 5-1 is composed of one having an uneven surface and the press roll 5-2 is composed of a fluted one having continuous grooves in the peripheral direction thereof and the press roll 5-3 is composed of a smooth one and these rolls are combined to press the sheet like article 2. The resin 1 is locally infiltrated in the sheet like article 2 by the press roll 5-1 and subsequently moved in the longitudinal direction of the sheet like article 2 by the press roll 5-2 while air is substituted with the resin. A prepreg uniformly impregnated with the



resin is obtained with high efficiency.

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